

WILFLEX® NUPUFF BASE 10250NPF

GENERAL DESCRIPTION

Wilflex NuPuff is a plastisol puff ink formulated to give the relief (or the elevated surface) of similar water-based products. NuPuff has good durability and resistance to overblow.

PRINTER'S PARAMETERS

Substrates	100% cotton, cotton blends
Bleed resistance	Marginal. A bleed-resistant white, 11010NPF Modified White, is available
Mesh (on large area)	60-86 t/in (24-34 t/cm)
Mesh (fine detail)	95-110 t/in (43-49 t/cm)
Stencil emulsion	Direct or capillary
Expansion temp	290-330 F (144-167 C)
Cure temp	320 F (160 C) entire film
Extender	Finesse #10150 may be used to lower puff height without reducing viscosity.
Reducer	10 percent max (by weight) Curable Reducer #10070. More than 10% will reduce puff height.
Caution	Excessive modification will impair puff
Storage	65-90 F (18-32 C). Avoid direct sun. Use within one year of receipt.
Wash-up	Wilflex Screen Wash
Health & Safety data	Available upon request

FEATURES

- Produces an elevated surface for specialty designs
- Durable
- Formulated to resist overblow

Effective 3/22/01. Not all Wilflex products are available in every country. The information in this publication is based on information and experience believed reliable. Since many factors may affect processing for an application, processors must carry out their own tests and experiments to confirm suitability for intended use. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product.

WHITES

- **11010NPF Modified White** Bleed resistant puff white for underbasing
- **11000NPF NuPuff White**

SPECIAL RECOMMENDATIONS

- Different effects may be achieved through the use of multiple passes, flash curing, thick screen stencils and overprinting standard and specialty inks.
- In multi-color printing, it is necessary to flash the puff prior to overprinting.
- If printing a large area, lightweight fabric may pucker. To alleviate puckering, print a mezzotint or dot pattern (an 80 percent solid).
- NuPuff is formulated with overblow protection so the possibility of collapse of the expanded ink is greatly reduced.
- Flexipuff Additive #10520 is available to give a raised effect when added to Wilflex General Purpose inks (GNS, MP, MX). However, the use of an additive will not give the quality of puff achieved with NuPuff.
- Perform fusion tests before production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion, unacceptable durability, and increased likelihood of dye migration. Testing procedures for plastisol fusion are outlined in the Wilflex User's Manual.
- Stir plastisols prior to printing.
- Do not dry clean, bleach or iron the printed area.
- Any application not referenced in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing (US - 800-735-4353).